

WHAT IS CLAIMED IS:

1. An antenna apparatus used for a radio communication device, comprising:

a conductive plate;

a main line antenna element located parallel to said conductive plate and having first and second end portions extending in different directions perpendicular to each other, said first end portion providing a feeding point, said second end portion forming an open end; and

a parasitic line antenna element located parallel to said conductive plate and having third and forth end portions for being electrostatically coupled with said main antenna element; wherein

said main line antenna element and said parasitic line antenna element are located so that said first end portion is closer to said parasitic line antenna than said second end portion and parallel to said third and said forth end portions.

2. An antenna apparatus as claimed in Claim 1, wherein said third end portion provides a grounding point connected to said conductive plate while said fourth end portion forms an open end;

said third end portion oriented in opposite direction of said first end portion and closer to said first end portion than said forth end portion.

3. An antenna apparatus as claimed in Claim 2, wherein said main line antenna element has an L shape while said parasitic

line antenna element has an I shape.

4. An antenna apparatus as claimed in Claim 2, wherein said main line antenna element and said parasitic line antenna element have horseshoe shaped portions including said first and said third end portions respectively;

said horseshoe shaped portions engaged with each other to leave space between said horseshoe shaped portions.

5. An antenna apparatus as claimed in Claim 2, wherein said first portion provides another grounding point closer to a longitudinal edge thereof than said feeding point.

6. An antenna apparatus as claimed in Claim 1, wherein said feeding point is located at equal distances from said third and said fourth end portions which forming open ends.

7. An antenna apparatus as claimed in Claim 1, wherein said main line antenna element and said parasitic line antenna element are unified by the use of resin.